



FACULTY OF
ENGINEERING



The 16th International Conference
on Quality in Research (QiR)

Certificate

This certification is awarded to Mrs./Mr.

Teguh Firmansyah, Gunawan Wibisono and Eko Rahardjo

For acceptance, fully registration, and presentation of the paper with the title of

Compact UWB Bandpass Filter based on Crossed Dumbbell-Stub with Notch Band using Defected Microstrip Structure

In The 16th International Conference on Quality in Research (QiR)
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Universitas Indonesia
Faculty of Engineering Dean,



Dr. Ir. Hendri D.S. Budiono, M.Eng.

QiR 2019 General Chair



Dr. Eng. Muhamad Sahlan